# RAW SEQUENCE LISTING

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Application Serial Number: 10/518,383

Source: PCT

Date Processed by STIC: 1-27-06

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RAW SEQUENCE LISTING         DATE: 01/27/2006
PATENT APPLICATION:  US/10/518,383     TIME: 09:43:44

Input Set : **A:\263864US0XPCT.txt**
Output Set: **N:\CRF4\01272006\J518383.raw**

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 3 <110> APPLICANT: SANSON, ALAIN
 4       OCHSENBEIN, FRANCOIS
 5       DOLLE, FREDERIC
 7 <120> TITLE OF INVENTION: PEPTIDES WITH AFFINITY FOR A PHOSPHOLIPID AND USES
 9 <130> FILE REFERENCE: 263864US0XPCT
11 <140> CURRENT APPLICATION NUMBER: US 10/518,383
12 <141> CURRENT FILING DATE: 2004-12-29
14 <150> PRIOR APPLICATION NUMBER: PCT/FR03/02025
15 <151> PRIOR FILING DATE: 2003-06-30
17 <150> PRIOR APPLICATION NUMBER: FR 02 08202
18 <151> PRIOR FILING DATE: 2002-07-01
20 <160> NUMBER OF SEQ ID NOS: 20
22 <170> SOFTWARE: PatentIn version 3.3
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 75
26 <212> TYPE: PRT
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Synthetic Peptide; sequence derived from human annexin
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34 Gly Phe Asp Glu Arg Ala Asp Val Glu Thr Leu Arg Lys Ala Met Lys
35 1               5                   10                  15
38 Gly Leu Gly Thr Asp Glu Glu Ser Ile Leu Thr Leu Leu Thr Ser Arg
39             20                  25                  30
42 Ser Asn Ala Gln Arg Gln Glu Ile Ser Ala Ala Tyr Lys Thr Leu Phe
43         35                  40                  45
46 Gly Arg Asp Leu Leu Asp Asp Leu Lys Ser Glu Leu Thr Gly Lys Phe
47     50                  55                  60
50 Glu Lys Leu Val Val Ala Leu Leu Lys Pro Ser
51 65                  70                  75
54 <210> SEQ ID NO: 2
55 <211> LENGTH: 75
56 <212> TYPE: PRT
57 <213> ORGANISM: Artificial Sequence
59 <220> FEATURE:
60 <223> OTHER INFORMATION: Synthetic Peptide; sequence derived from human annexin
62 <400> SEQUENCE: 2
64 Asn Phe Asp Ala Glu Arg Asp Ala Leu Asn Ile Arg Lys Ala Ile Lys
65 1               5                   10                  15
68 Gly Met Gly Val Asp Glu Asp Thr Ile Val Asn Ile Leu Thr Asn Arg
69             20                  25                  30
72 Ser Asn Ala Gln Arg Gln Asp Ile Ala Phe Ala Tyr Gln Arg Arg Thr
73         35                  40                  45
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76 Lys Arg Glu Leu Ala Ser Asp Leu Lys Ser Glu Leu Ser Gly His Leu
77     50              55              60
80 Glu Arg Val Ile Leu Gly Leu Leu Lys Thr Ser
81 65              70              75
84 <210> SEQ ID NO: 3
85 <211> LENGTH: 75
86 <212> TYPE: PRT
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Synthetic Peptide; sequence derived from human annexin
92 <400> SEQUENCE: 3
94 Asp Phe Ser Pro Ser Val Asp Ala Glu Ala Ile Arg Lys Ala Ile Lys
95 1               5               10              15
98 Gly Ile Gly Thr Asp Glu Asp Met Leu Ile Ser Ile Leu Thr Glu Arg
99              20              25              30
102 Ser Asn Ala Gln Arg Gln Leu Ile Val Lys Glu Tyr Gln Ala Ala Tyr
103         35              40              45
106 Gly Arg Glu Leu Lys Asp Asp Leu Lys Ser Glu Leu Ser Gly His Phe
107     50              55              60
110 Glu Arg Leu Met Val Ala Leu Val Thr Pro Ser
111 65              70              75
114 <210> SEQ ID NO: 4
115 <211> LENGTH: 75
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Synthetic Peptide; sequence derived from human annexin
122 <400> SEQUENCE: 4
124 Gly Phe Asn Ala Met Glu Asp Ala Gln Thr Leu Arg Lys Ala Met Lys
125 1               5               10              15
128 Gly Leu Gly Thr Asp Glu Asp Ala Ile Ile Ser Val Leu Ala Tyr Arg
129             20              25              30
132 Asn Thr Ala Gln Arg Gln Glu Ile Arg Thr Ala Tyr Lys Ser Thr Ile
133         35              40              45
136 Gly Arg Asp Leu Ile Asp Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe
137     50              55              60
140 Glu Arg Val Ile Val Gly Met Met Thr Pro Ser
141 65              70              75
144 <210> SEQ ID NO: 5
145 <211> LENGTH: 75
146 <212> TYPE: PRT
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Synthetic Peptide; sequence derived from human annexin
152 <400> SEQUENCE: 5
154 Gly Phe Asp Pro Asn Gln Asp Ala Glu Ala Leu Arg Thr Ala Met Lys
155 1               5               10              15
158 Gly Phe Gly Ser Asp Glu Glu Ala Ile Leu Asp Ile Ile Thr Ser Arg
159             20              25              30
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Input Set : A:\263864USOXPCT.txt
Output Set: N:\CRF4\01272006\J518383.raw

162 Ser Asn Arg Gln Arg Gln Glu Val Cys Gln Ser Tyr Lys Ser Leu Tyr
163         35              40              45
166 Gly Arg Asp Leu Ile Ala Asp Leu Lys Ser Glu Leu Thr Gly Lys Phe
167         50              55              60
170 Glu Arg Leu Ile Val Gly Leu Met Arg Pro Ser
171 65              70              75
174 <210> SEQ ID NO: 6
175 <211> LENGTH: 75
176 <212> TYPE: PRT
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Synthetic Peptide; sequence derived from human annexin
182 <400> SEQUENCE: 6
184 Gly Phe Asn Pro Asp Ala Asp Ala Lys Ala Leu Arg Lys Ala Met Lys
185 1           5               10              15
188 Gly Leu Gly Thr Asp Glu Asp Thr Ile Ile Asp Ile Ile Thr His Arg
189         20              25              30
192 Ser Asn Val Gln Arg Gln Gln Ile Arg Gln Thr Phe Lys Ser His Phe
193         35              40              45
196 Gly Arg Asp Leu Met Thr Asp Leu Lys Ser Glu Ile Ser Gly Asp Leu
197         50              55              60
200 Glu Arg Leu Ile Leu Gly Leu Met Met Pro Ser
201 65              70              75
204 <210> SEQ ID NO: 7
205 <211> LENGTH: 75
206 <212> TYPE: PRT
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Synthetic Peptide; sequence derived from human annexin
212 <400> SEQUENCE: 7
214 Pro Gly Asp Ala Ile Arg Asp Ala Glu Ile Leu Arg Lys Ala Met Lys
215 1           5               10              15
218 Gly Phe Gly Thr Asp Glu Gln Ala Ile Val Asp Val Val Ala Asn Arg
219         20              25              30
222 Ser Asn Asp Gln Arg Gln Lys Ile Lys Ala Ala Phe Lys Thr Ser Tyr
223         35              40              45
226 Gly Arg Asp Leu Ile Lys Asp Leu Lys Ser Glu Leu Ser Gly Asn Met
227         50              55              60
230 Glu Arg Leu Ile Leu Ala Leu Phe Met Pro Ser
231 65              70              75
234 <210> SEQ ID NO: 8
235 <211> LENGTH: 75
236 <212> TYPE: PRT
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Synthetic Peptide; sequence derived from human annexin
242 <400> SEQUENCE: 8
244 His Phe Asn Pro Asp Pro Asp Val Glu Thr Leu Arg Lys Ala Met Lys
245 1           5               10              15

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Input Set : A:\263864US0XPCT.txt
Output Set: N:\CRF4\01272006\J518383.raw

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248 Gly Ile Gly Thr Asn Glu Gln Ala Ile Ile Asp Val Leu Thr Lys Arg
249              20                  25                  30
252 Ser Asn Thr Gln Arg Gln Thr Ile Ala Lys Ser Phe Lys Ala Gln Phe
253              35                  40                  45
256 Gly Arg Asp Leu Thr Glu Asp Leu Lys Ser Glu Leu Ser Gly Lys Leu
257      50                  55                  60
260 Glu Arg Leu Ile Val Ala Leu Met Tyr Pro Ser
261 65                  70                  75
264 <210> SEQ ID NO: 9
265 <211> LENGTH: 75
266 <212> TYPE: PRT
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Synthetic Peptide; sequence derived from human annexin
272 <400> SEQUENCE: 9
274 Gly Phe Asp Pro Leu Arg Asp Ala Glu Val Leu Arg Lys Ala Met Lys
275 1            5                   10                  15
278 Gly Phe Gly Thr Asp Glu Gln Ala Ile Ile Asp Cys Leu Gly Ser Arg
279              20                  25                  30
282 Ser Asn Lys Gln Arg Gln Gln Ile Leu Leu Ser Phe Lys Thr Ala Tyr
283              35                  40                  45
286 Gly Arg Asp Leu Ile Lys Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe
287      50                  55                  60
290 Glu Lys Thr Ile Leu Ala Leu Met Lys Thr Ser
291 65                  70                  75
294 <210> SEQ ID NO: 10
295 <211> LENGTH: 75
296 <212> TYPE: PRT
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Synthetic Peptide; sequence derived from human annexin
302 <400> SEQUENCE: 10
304 Gly Phe Asp Val Asp Arg Asp Ala Lys Lys Leu Arg Lys Ala Met Lys
305 1            5                   10                  15
308 Gly Met Gly Thr Asn Glu Ala Ala Ile Ile Glu Ile Leu Ser Gly Arg
309              20                  25                  30
312 Thr Ser Asp Glu Arg Gln Gln Ile Lys Gln Lys Tyr Lys Ala Thr Tyr
313              35                  40                  45
316 Gly Arg Glu Leu Glu Glu Asp Leu Lys Ser Glu Leu Ser Gly Asn Phe
317      50                  55                  60
320 Glu Lys Thr Ala Leu Ala Leu Leu Asp Arg Ser
321 65                  70                  75
324 <210> SEQ ID NO: 11
325 <211> LENGTH: 79
326 <212> TYPE: PRT
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: Synthetic Peptide; sequence derived from human annexin
333 <220> FEATURE:
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334 <221> NAME/KEY: MISC_FEATURE
335 <222> LOCATION: (22)..(22)
336 <223> OTHER INFORMATION: Xaa = Leu, Met or Trp
338 <220> FEATURE:
339 <221> NAME/KEY: MISC_FEATURE
340 <222> LOCATION: (34)..(34)
341 <223> OTHER INFORMATION: Xaa = Thr or Lys
343 <220> FEATURE:
344 <221> NAME/KEY: MISC_FEATURE
345 <222> LOCATION: (45)..(45)
346 <223> OTHER INFORMATION: Xaa = Ser or Lys
348 <220> FEATURE:
349 <221> NAME/KEY: MISC_FEATURE
350 <222> LOCATION: (48)..(48)
351 <223> OTHER INFORMATION: Xaa = Phe or Tyr
353 <220> FEATURE:
354 <221> NAME/KEY: MISC_FEATURE
355 <222> LOCATION: (50)..(50)
356 <223> OTHER INFORMATION: Xaa = Thr or Glu
358 <220> FEATURE:
359 <221> NAME/KEY: misc_feature
360 <222> LOCATION: (63)..(63)
361 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
363 <220> FEATURE:
364 <221> NAME/KEY: misc_feature
365 <222> LOCATION: (69)..(69)
366 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
368 <220> FEATURE:
369 <221> NAME/KEY: misc_feature
370 <222> LOCATION: (71)..(71)
371 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
373 <400> SEQUENCE: 11

375 Gly Ser Gly Cys Gly Phe Asp Glu Arg Ala Asp Val Glu Thr Leu Arg
376 1               5                   10                  15
W--> 379 Lys Ala Met Lys Gly Xaa Gly Thr Asp Glu Glu Ser Ile Leu Thr Leu
380             20                  25                  30
W--> 383 Leu Xaa Ser Arg Ser Asn Ala Gln Arg Gln Glu Ile Xaa Ala Ala Xaa
384         35                  40                  45
W--> 387 Lys Xaa Leu Phe Gly Arg Asp Leu Leu Asp Asp Leu Lys Ser Xaa Leu
388     50                  55                  60
W--> 391 Thr Gly Lys Phe Xaa Lys Xaa Val Val Ala Leu Leu Lys Pro Ser
392 65                  70                  75

395 <210> SEQ ID NO: 12
396 <211> LENGTH: 78
397 <212> TYPE: PRT
398 <213> ORGANISM: Artificial Sequence
400 <220> FEATURE:
401 <223> OTHER INFORMATION: Synthetic Peptide; sequence derived from human annexin
403 <400> SEQUENCE: 12
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RAW SEQUENCE LISTING ERROR SUMMARY     DATE: 01/27/2006
PATENT APPLICATION:  US/10/518,383     TIME: 09:43:45

Input Set : A:\263864US0XPCT.txt
Output Set: N:\CRF4\01272006\J518383.raw

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; Xaa Pos. 22,34,45,48,50,63,69,71
Seq#:13; Xaa Pos. 25,37,48,51,53,66,72,74
Seq#:14; Xaa Pos. 29,41,52,55,57,70,76,78
Seq#:15; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,13,14,15,18,21,23,24,25,26,27,28
Seq#:15; Xaa Pos. 29,30,31,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48
Seq#:15; Xaa Pos. 49,51,52,53,54,56,59,61,62,63,64,65,66,67,68,69,70,71,72
Seq#:15; Xaa Pos. 73,74,75
Seq#:16; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,16,17,18,21,24,26,27,28
Seq#:16; Xaa Pos. 29,30,31,32,33,34,36,37,38,39,40,41,42,43,44,45,46,47,48
Seq#:16; Xaa Pos. 49,50,51,52,54,55,56,57,59,62,64,65,66,67,68,69,70,71,72
Seq#:16; Xaa Pos. 73,74,75,76,77,78

**VERIFICATION SUMMARY**          DATE: 01/27/2006
PATENT APPLICATION:  US/10/518,383     TIME: 09:43:45

Input Set : **A:\263864US0XPCT.txt**
Output Set: **N:\CRF4\01272006\J518383.raw**

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L:379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16
L:383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:32
L:387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:48
L:391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:64
L:480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:16
L:484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:32
L:488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:48
L:492 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:64
L:555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:16
L:559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:32
L:563 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:48
L:567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:64
L:818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:16
L:826 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:32
L:830 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:48
L:834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:64
L:1081 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:1085 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:16
L:1089 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:32
L:1093 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:48
L:1097 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:64
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